

Work Order ID 139298

139298

Thursday, November 19, 2015 2:34:50 PM

Page 1

Item ID: D3914-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Long Basket Lid Assembly (350)
 Start Date: 11/24/2015 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 11/24/2015 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: **NOV 19 2015** Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3914	C								
D4020	A								

100 Weld per dwg A/R S.S. rod Batch: 4131417 0.00 **DAS**
100 Large Fab 0.05 **24**
1 DEC 17 2015 **9-89**

Large Fab **Memo** 0.05
 1- assemble ribs , weld as per dwg D3914 using DT9607A
 2- weld hinge (3) and Mounting brackets as per dwg D3914
 Visual inspect before welding mesh
 3- tack weld mesh on basket as per dwg D3914
 Cut out mesh where label plate goes in center off basket lid as per dwg D4020-5. Make sure to place mesh correctly on lid, check with label plate before tacking mesh

110 QC9- Inspect visual per QSI004- Fusion Welds 0.00 **DAS**
110 QC **50**
1 EL 15-12-18 **9-89**
 Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

300

Work Order ID 139298

139298

Page 2

Item ID: D3914-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Long Basket Lid Assembly (350)

Start Date: 11/24/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 11/24/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

DAS

16

9.00

15/12/18

130

Black Sandtex(Ref:4.3.5.7) per QSI005 4.3

0.00

130

Powdercoat

~~12-130777.M129777~~

Memo

0.00

Powder Coating

*** mask sides of hinge prior to powdercoat***

Start Time: 1:05

Oven Temperature: 300

Finish Time: 1:35

1 of 15-12-01 23 34 00

140

Wing Walk as per dwg QSI005 4.4 Batch 111335076

140

HandFinish

Memo

0.01

Hand Finishing

1- Mask data plate and apply wing walk on outside surface of mesh as per dwg

2- Install label as per dwg

Mask label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label

12 of 21 13/12/21

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1x d 22 5 1 2 2 2

Quality Control

MCS

DEC 23 2015

MS.12.22

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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OTHER : _____																					

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139298

D3914-041

Required Date: 11/24/2015

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.19 verified by:EC IPP Rev:B
as per dwg revB DD 10.08.18 verified by:EC IPP Rev:C 13.03.14 AS
PER DWG REV.pcl DD VRF:JLM IPP REV:D 13.06.21 DWG
REV.C DD VRF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3914-1 Rib		Manufactured	No			100	Each	4.0000	2	2		DAS 43 9-89	DEC 15 2015
**B139719 → 2x													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				WA004				4					
					139156			4					
D3914-7 Rib		Manufactured	No			100	Each	5.0000	2	2		DAS 43 9-89	DEC 15 2015
**B139715 → 2x													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				WA004				5					
					132563			1					
					138711			4					
D4018-5 Rib		Manufactured	No			100	Each	33.0000	9	9		DAS 43 9-89	DEC 15 2015
**B139365 → 9x													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				WA004				33					
					133880			3					
					135993			3					
					139160			27					
D4035-043 Lid Rib Assembly, Aft (350 Basket)		Manufactured	No			100	Each	0.0000	2	2		DAS 43 9-89	DEC 15 2015
**B139741 → 2x													

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Picklist Print

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Page 2

Work Order ID: 139298

139298

Parent Item: D3914-041

D3914-041

Parent Item Name: Long Basket Lid Assembly (350)

Start Date: 11/24/2015

Required Date: 11/24/2015

Start Qty: 1.00

Required Qty: 1.00

D2581

Manufactured No

100

Each

34.0000

2

2

✓ ***D2581***

Mounting Bracket

****B137794 → 2x**

DAS
43
9-89

DEC 15 2015

Location

Loc Qty

Loc Code

WA004

34

132771

8

136270

14

137324

12

D4016-3

Manufactured No

100

Each

27.0000

3

3

✓ ***D4016-3***

Hinge Half, Lid

****B138084 → 3x**

DAS
43
9-89

DEC 15 2015

Location

Loc Qty

Loc Code

WA004

27

136976

1

138084

26

D4020-5

Manufactured No

100

Each

1.0000

1

1

✓ ***D4020-5***

Mesh (350 Basket Long, Lid)

****B139846 → 1x**

DAS
43
9-89

DEC 15 2015

Location

Loc Qty

Loc Code

WA004

1

129375

1

D4021-3

Manufactured No

100

Each

12.0000

1

1

✓ ***D4021-3***

Data Plate

****B137760 → 1x**

DAS
43
9-89

DEC 15 2015

Location

Loc Qty

Loc Code

WA004

12

137760

12

Thursday, November 19, 2015 2:34:50 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



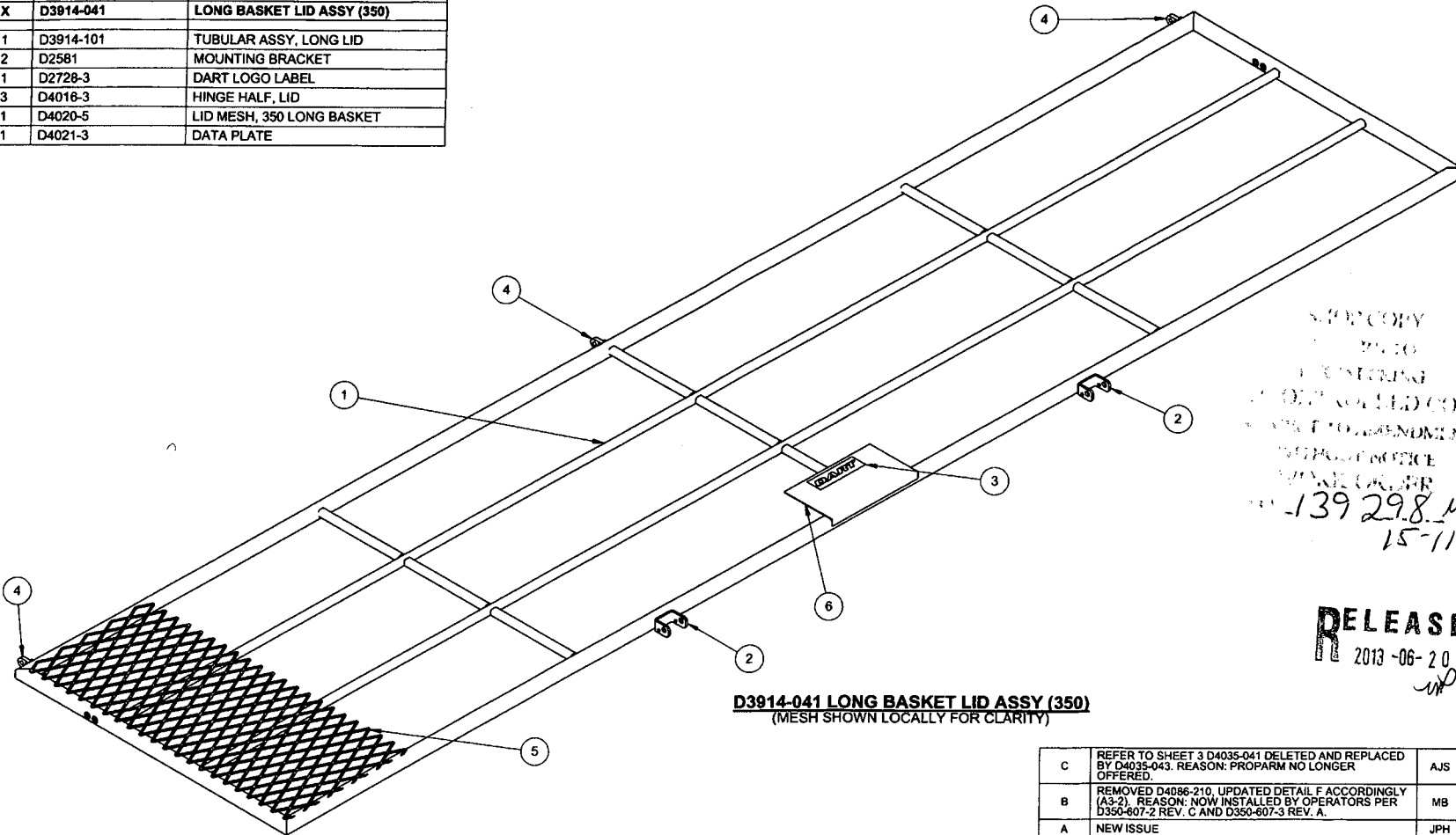
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Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																																																																										
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																																																																										
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																																																																										
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																																																																										
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																																																																													
Misidentified ☐	Past Due ☐																																																																														

ITEM	QTY	P/N	DESCRIPTION
	X	D3914-041	LONG BASKET LID ASSY (350)
1	1	D3914-101	TUBULAR ASSY, LONG LID
2	2	D2581	MOUNTING BRACKET
3	1	D2728-3	DART LOGO LABEL
4	3	D4016-3	HINGE HALF, LID
5	1	D4020-5	LID MESH, 350 LONG BASKET
6	1	D4021-3	DATA PLATE

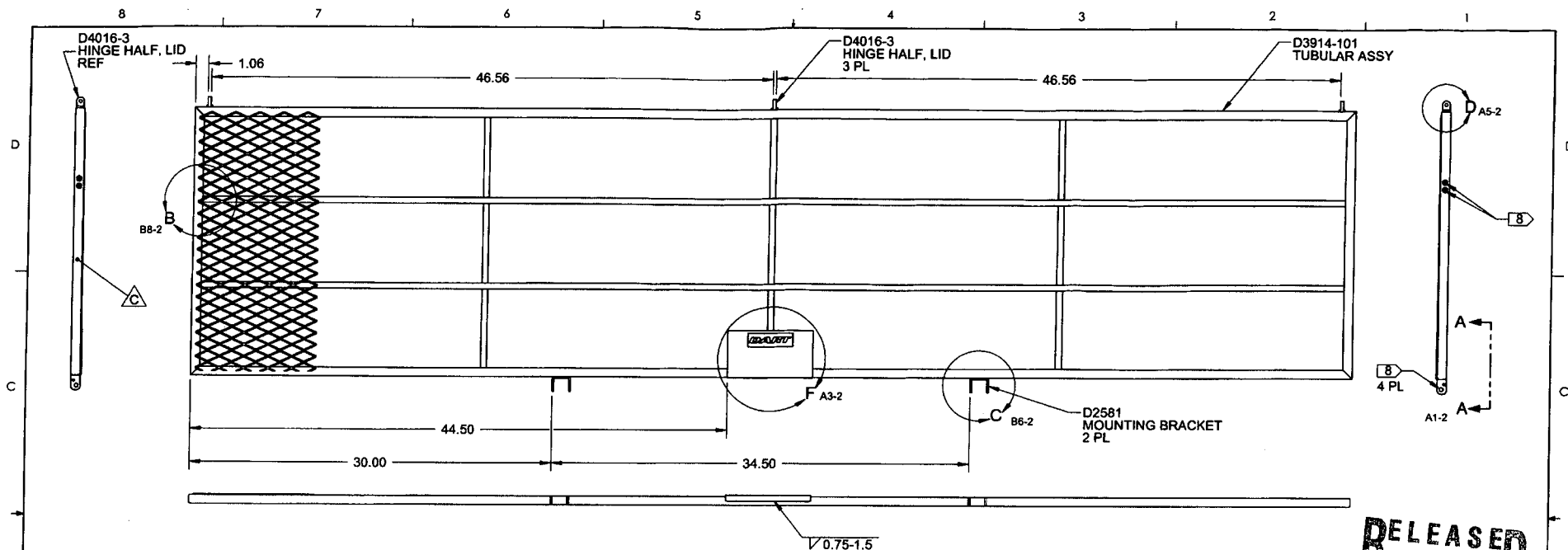


D3914-041 LONG BASKET LID ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

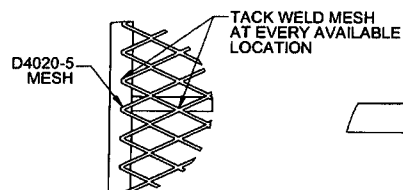
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139 29.8 MLS
15-11-19

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2013-06-20
JPH

C	REFER TO SHEET 3 D4035-041 DELETED AND REPLACED BY D4035-043. REASON: PROPARM NO LONGER OFFERED.	AJS	13.03.13
B	REMOVED D4086-210, UPDATED DETAIL F ACCORDINGLY (A3-2). REASON: NOW INSTALLED BY OPERATORS PER D350-607-2 REV. C AND D350-607-3 REV. A.	MB	10.08.05
A	NEW ISSUE	JPH	10.03.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	A.P.	DRAWING NO.	REV. C
MFG. APPR.	D	D3914	SHEET 1 OF 4
APPROVED	JPH	TITLE	SCALE
DE APPR.	JPH	LONG BASKET LID ASSY (350)	NTS
DATE	13.03.13	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



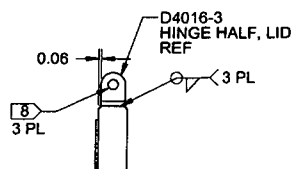
D3914-041 LONG BASKET LID ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)



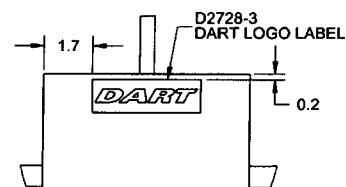
DETAIL B D8-2



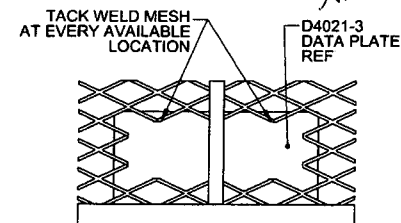
DETAIL C C3-2



DETAIL D D1-2



DETAIL F C4-2



VIEW A-A C1-2

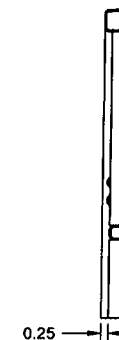
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT BLACK SANDTEX (4.3.5.7) PER DART QSI 005 4.3
APPLY BLACK ANTI-SKID PAINT TO OUTSIDE SURFACE OF MESH PER DART QSI 005 4.4
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 22.35 lbs APPROX
- 8) MASK HOLES PRIOR TO FINISHING
- 9) WELD PER DART QSI 004

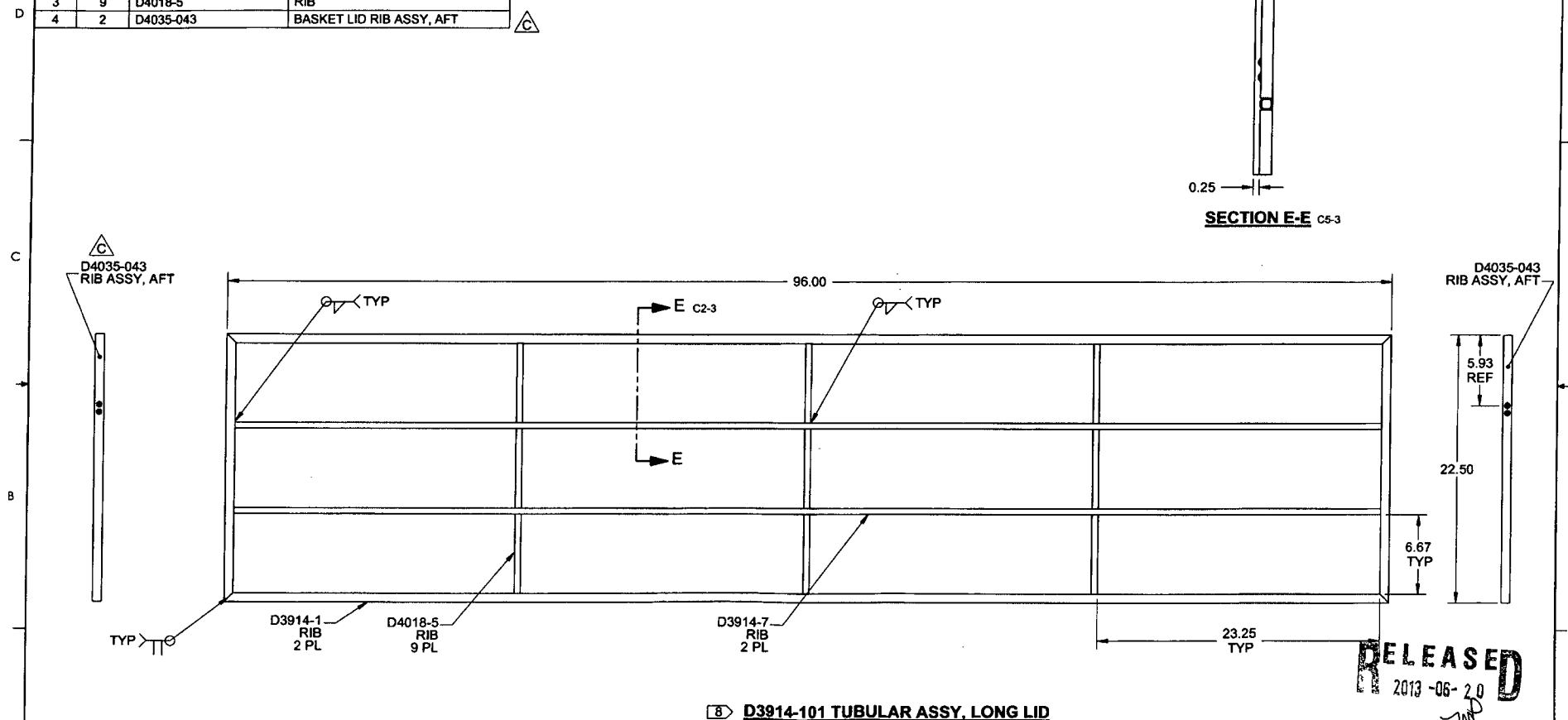
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. C
MFG. APPR.	IS	D3914	SHEET 2 OF 4
APPROVED	THP	TITLE	SCALE
DE APPR.	THP	LONG BASKET LID ASSY (350)	NTS
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2013-06-20

ITEM	QTY -101	P/N	DESCRIPTION
	X	D3914-101	TUBULAR ASSY, LONG LID (350)
1	2	D3914-1	RIB
2	2	D3914-7	RIB
3	9	D4018-5	RIB
4	2	D4035-043	BASKET LID RIB ASSY, AFT



SECTION E-E C5-3



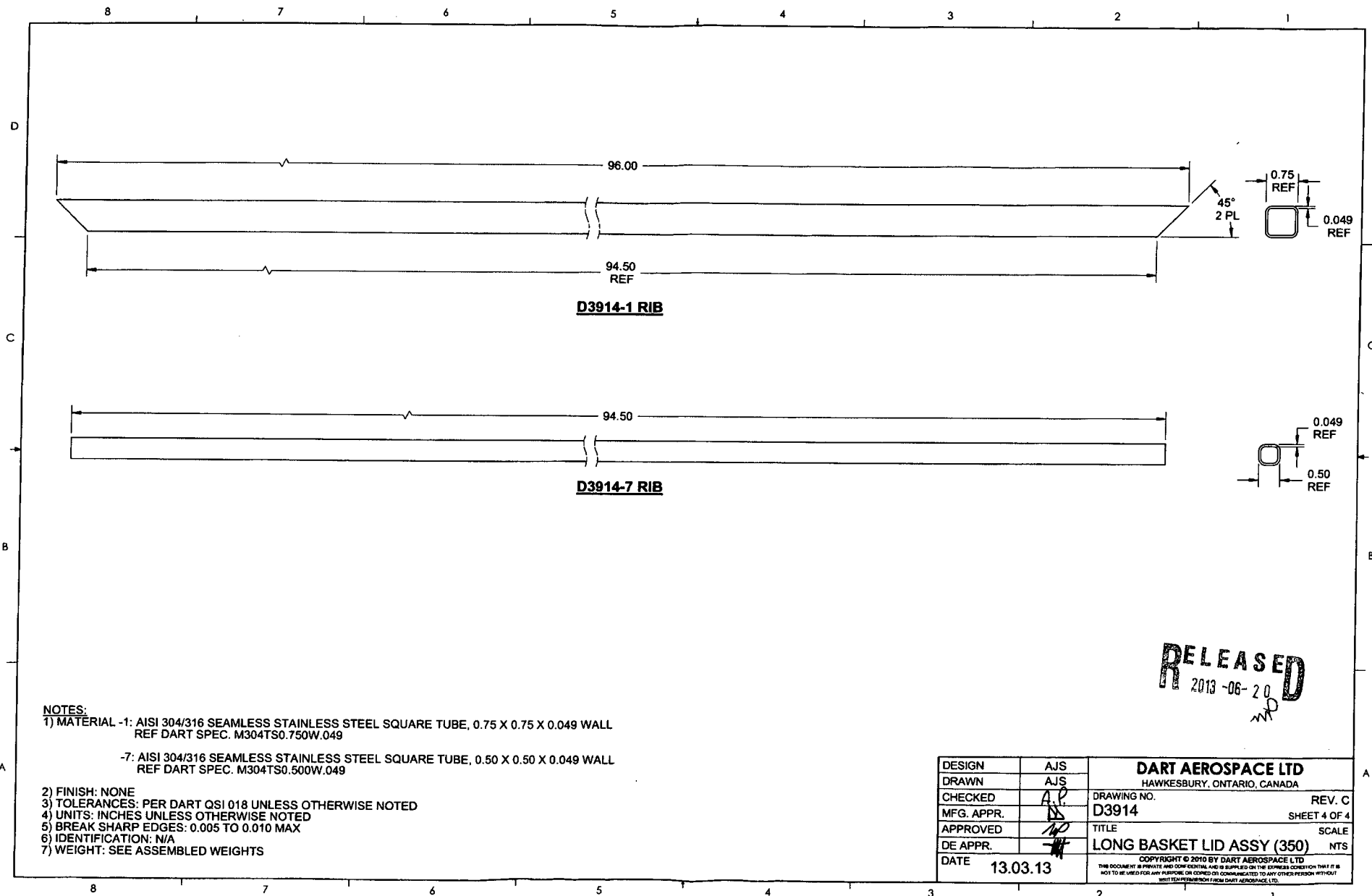
8 D3914-101 TUBULAR ASSY, LONG LID

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 14.10 lbs
- 8) TOLERANCE FOR XX.XX DIMENSIONS ± 0.06 FOR D3914-101
- 9) WELD PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. C
MFG. APPR.	AJS	D3914	SHEET 3 OF 4
APPROVED	AJS	TITLE	SCALE
DE APPR.	AJS	LONG BASKET LID ASSY (350)	NTS
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2013-06-20



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2013-06-20

NOTES:

1) MATERIAL -1: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.049 WALL
REF DART SPEC. M304TS0.750W.049

-7: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
REF DART SPEC. M304TS0.500W.049

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

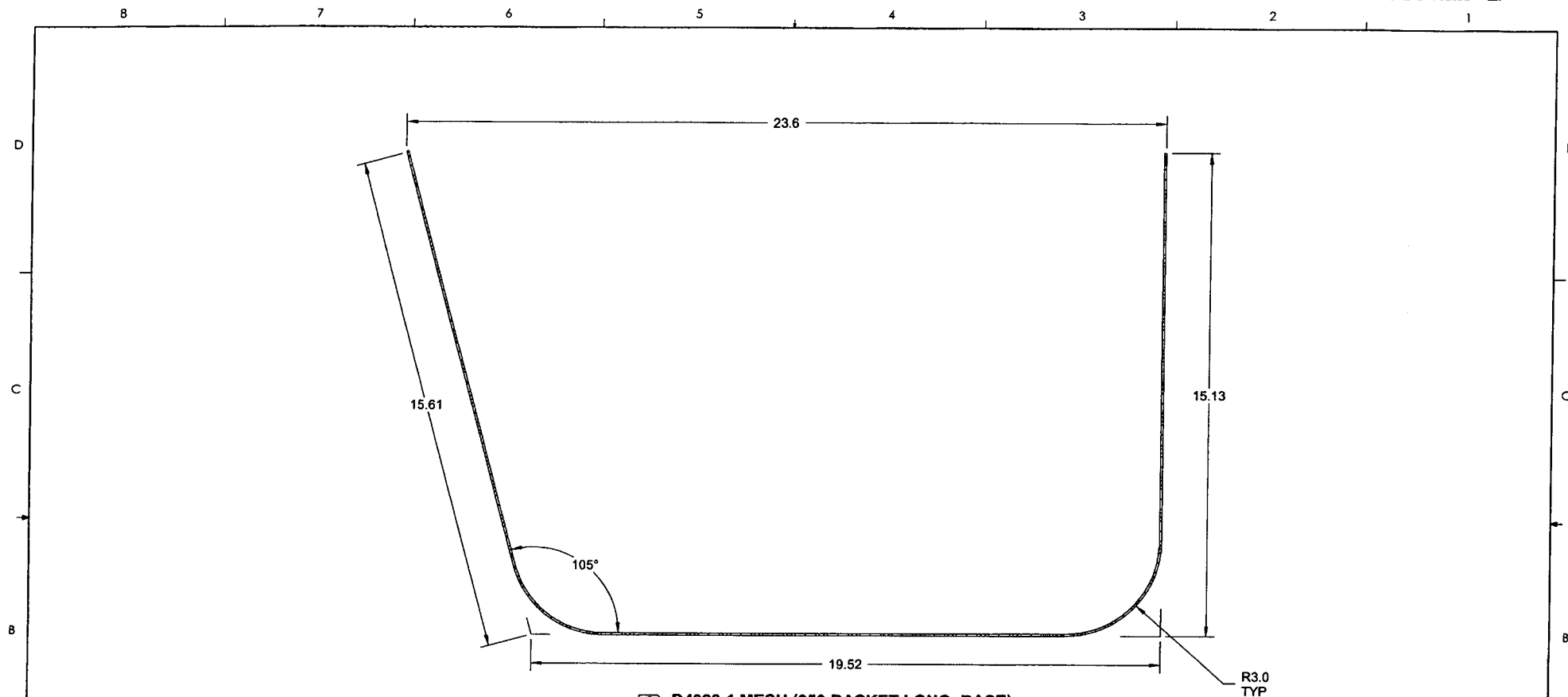
4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: SEE ASSEMBLED WEIGHTS

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV.
MFG. APPR.	SS	D3914	SHEET 4 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	MP	LONG BASKET LID ASSY (350) NTS	
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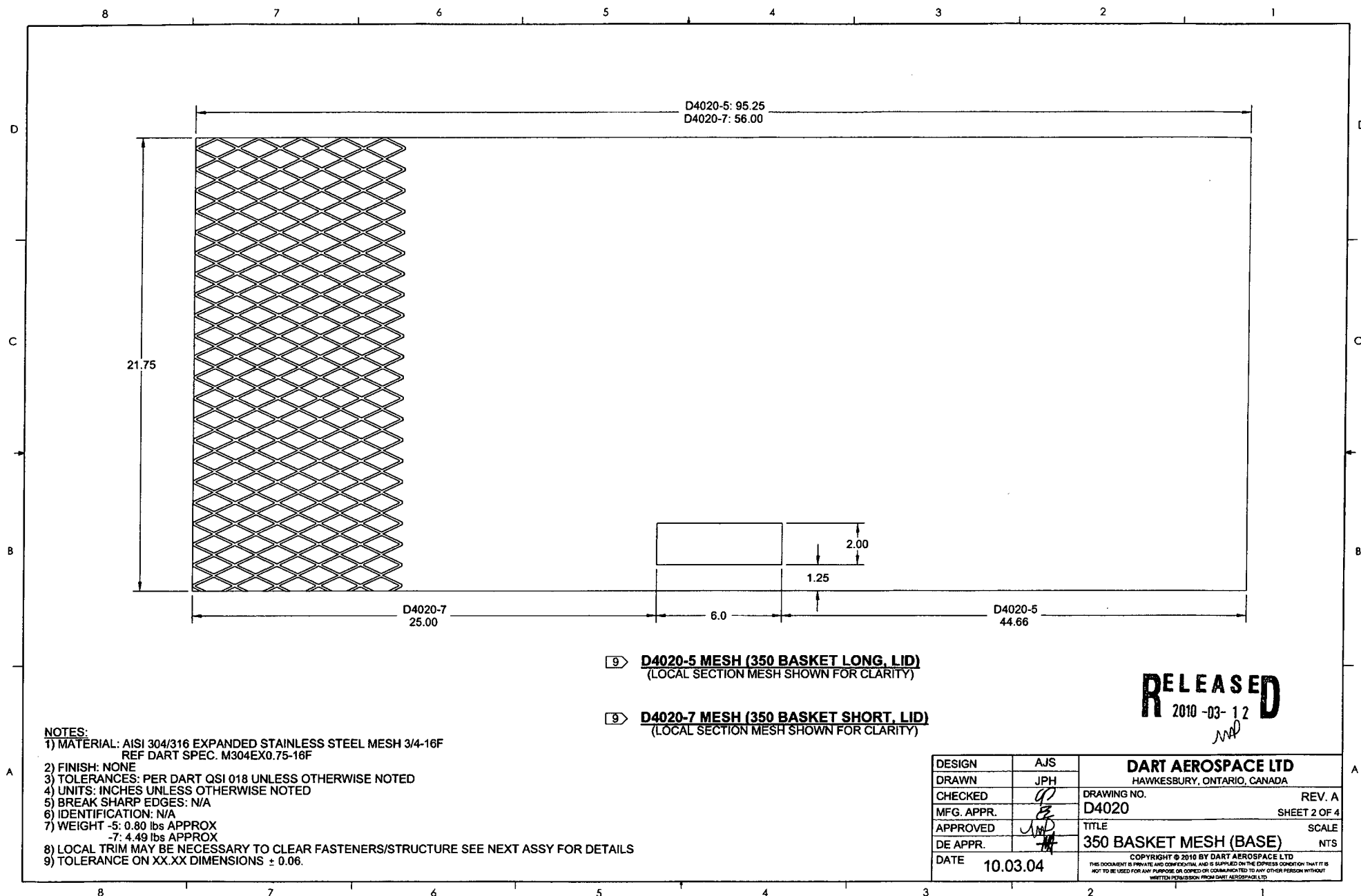


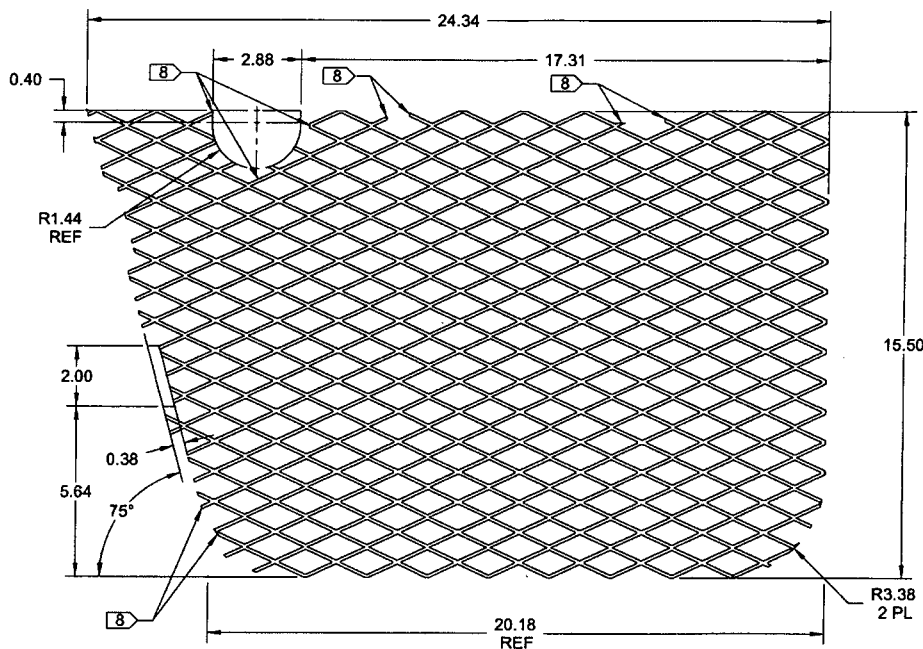
NOTES:

- 1) MATERIAL-1: MAKE FROM D4020-1F
-3: MAKE FROM D4020-3F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: SEE D4020-1F & D4020-3F
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) PRE-FORMING OF MESH PER SHOP OPTION, THIS VIEW MAY BE USED FOR REF ONLY

RELEASED
2010-03-12

A NEW ISSUE		JPH 10.03.04	
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JP	DRAWING NO.	REV. A
MFG. APPR.	JP	D4020	SHEET 1 OF 4
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	350 BASKET MESH (BASE)	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	





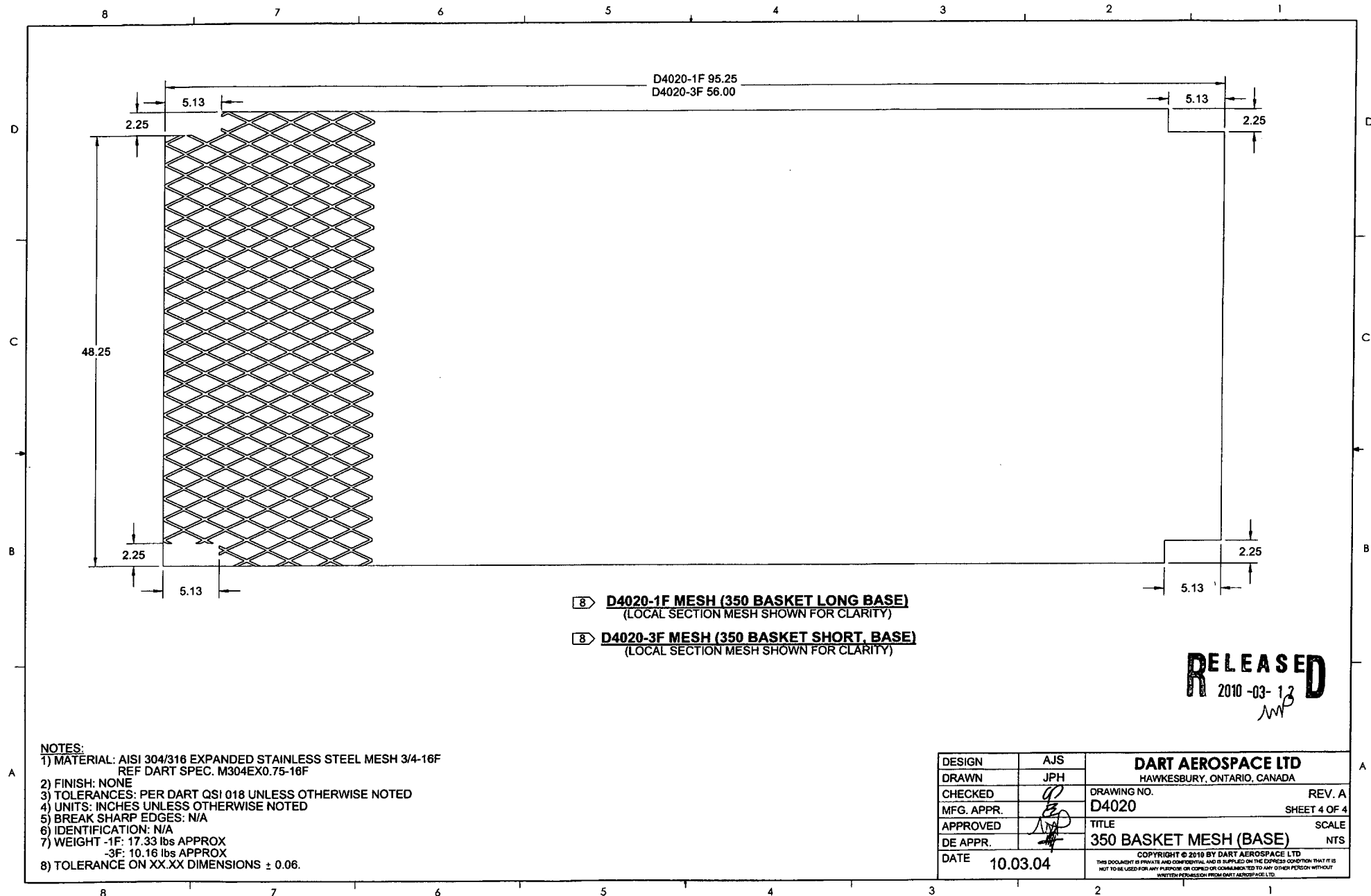
9 D4020-11 END MESH, BASKET

NOTES:

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.22 lbs
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) TOLERANCE ON XX.XX DIMENSIONS ± 0.06 .

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2010-03-12

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4020	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	350 BASKET MESH (BASE)	NTS
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DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4020	SHEET 4 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	350 BASKET MESH (BASE)	NTS
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